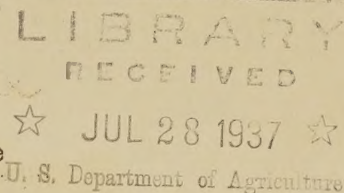


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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Entomology and Plant Quarantine



SOME SOURCES FOR SECURING JAPANESE BEETLE TRAPS AND
BAIT MATERIALS

Many requests are received asking for sources where traps adapted for catching Japanese beetles may be secured and for the proper bait materials for such traps. The following lists give the names and addresses of a number of manufacturers and retailers of Japanese beetle traps and bait materials. In certain sections of the area more generally infested by the Japanese beetle, traps and bait materials are offered for sale by various local establishments, such as seed stores, etc. In trapping for the Japanese beetle, most effective results will be secured by using standard traps and bait prepared in accordance with the approved specifications. This should be kept in mind in connection with all purchases of such materials. No claim is made that the following lists of dealers handling Japanese beetle traps and materials are complete. The names included are made available for your convenience and no discrimination is intended nor does the Department guarantee or endorse these firms or the reliability of their products.

Sources for Japanese Beetle Traps

Edward S. Bullock, Lansdowne, Pa.
George D. Ellis & Sons, Inc., 309 N. Third St., Phila., Pa.
Jeannette Steel Corp., Box 258, Jeannette, Pa.
E. J. McAleer & Co., 1422 N. Eighth St., Phila., Pa.
William Munro, 323 Arch St., Camden, N. J.
C. B. Porter Co., 124-130 N. Second St., Phila., Pa.
Right Idea Japanese Beetle Traps, Lock Box One, Cape May Point, N.J.
C. W. Skinner Co., Newfield, N. J.

Sources for Bait Materials for Japanese Beetle Traps

As a result of experimental work conducted by the Department, it has been found that a bait consisting of 10 parts of geraniol and 1 part of eugenol will attract very large numbers of Japanese beetles to traps. Materials meeting the following specifications are believed to be most satisfactory for this purpose:

Geraniol -

Specific gravity at 20° C.: .875-.895
Solubility in 70 percent alcohol: 1 part to be soluble in
not more than 2 parts
of alcohol
Total free alcohols as geraniol and citronellol: 70 percent or over
Ester content: not more than 15 percent
Aldehydes as citronellal: not more than 3.5 percent
Boiling range: not more than 5 percent boiling under 225° C.
(at 760 mm.) " " " 18 " " over 245° C.
Odor: absence of any significant indication that materials
foreign to geraniol have been added

Eugenol - U. S. P.

It is understood that the firms listed below are prepared to furnish geraniol and eugenol meeting these specifications, either separately or in combination:

Antoine Chiris Company, 147 Waverly Place, New York, N. Y.
Compagnie Duval, 121-123 E. 24th St., New York, N. Y.
Dodge & Olcott, 180 Varick St., New York, N. Y.
E. I. DuPont de Nemours & Co., 61 Thomas St., New York, N. Y.
Fritzsche Brothers, 78-84 Beekman St., New York, N. Y.
Givaudan-Delawanna, Inc., 80 Fifth Ave., New York, N. Y.
D. W. Hutchinson & Co., Inc., 45 Cliff St., New York, N. Y.
Lautier Fils, 78 Beekman St., New York, N. Y.
George Leuders & Co., 427 Washington St., New York, N. Y.
Magnus, Mabee & Reynard, Inc., 32 Cliff St., New York, N. Y.
Pierre Lemoine, 62 Watts St., New York, N. Y.
van Ameringen-Haebler, Inc., 315 Fourth Ave., New York, N. Y.
George D. Ellis & Sons, Inc., 309 N. Third St., Phila., Pa.